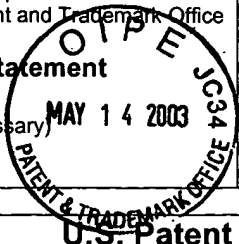



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office 	Attorney's Docket No. 12732-082001	Application No. 09/997,173
		Applicant Satoshi Seo	
		Filing Date November 30, 2001	Group Art Unit 1774

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>dy</i>	AQ	Daisuke Yoshioka; "Zinc(II) Carboxylate Complex Having The Absorption Ability Which Exceeds That Of Zeolite"; <i>Chemical Society of Japan</i> , Vol. 53, No. 11; p. 1332; 2000 & English Translation
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered June 5, 2003
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(37 CFR §1.98(b))

Attorney's Docket No. 12732-082001

Application No. 09/997,173

Applicant Satoshi Seo

Filing Date November 30, 2001

Group Art Unit 2875/1779

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
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	AD						
	AE						
	AF						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG							
	AH							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>DS</i>	AI	C.W. Tang, et al., "Organic Electroluminescent diodes", Applied Physics Letter, vol. 51, No. 12, pp. 913-915 (1987).
<i>DS</i>	AJ	T. Tsutsui, "The Operation Mechanism And The Light Emission Efficiency Of The Organic EL Element", English Translation of Molecular Electronics and Bioelectronics (in Japanese), pp. 31-37 (1993).
<i>DS</i>	AK	D. F. O'Brien et al., "Improved energy transfer in electrophosphorescent devices", Applied Physics Letters, vol. 74, No. 3, 442-444 (1999).
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<i>DS</i>	AM	V. Ramamurthy et al., "Heavy-Atom-Induced Phosphorescence of Aromatics and Olefins Included within Zeolites", Journal of American Chemical Society, vol. 114, No. 10, 3882-3892 (1992).
<i>DS</i>	AN	S. Takamizawa, "Metal Complexes Capable of Occluding Molecules", English translation of Chemical Society of Japan (in Japanese), vol. 53-2, pp. 136-139 (2000).
<i>DS</i>	AO	W. Mori, et al., "New Microporous Materials", English translation of Chemical Society of Japan (in Japanese), vol. 51-2, pp. 210-212 (1998).
<i>DS</i>	AP	H. Nishiguchi et al., "Enhancement Of The Phosphorescence Yields Of Xanthone Included In Alkali-Metal-Cation-Exchanged Zeolites - External Heavy-Atom Effect On The Singlet-Triplet Transitions", J. Photochem. Photobiol. A: Chem., vol. 77, pp. 183-188 (1994).

Examiner Signature <i>David L. Garrett</i>	Date Considered <i>June 5, 2003</i>
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